

# Appendix for Band 2

Report No.: BCTC2310372691-2E

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Applicant: Cube Tracker LLC

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Product Name: CUBE GPS PRO

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Model/Type  
reference: CUBE GPS PRO

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Tested Date: 2023-10-25 to 2023-11-15

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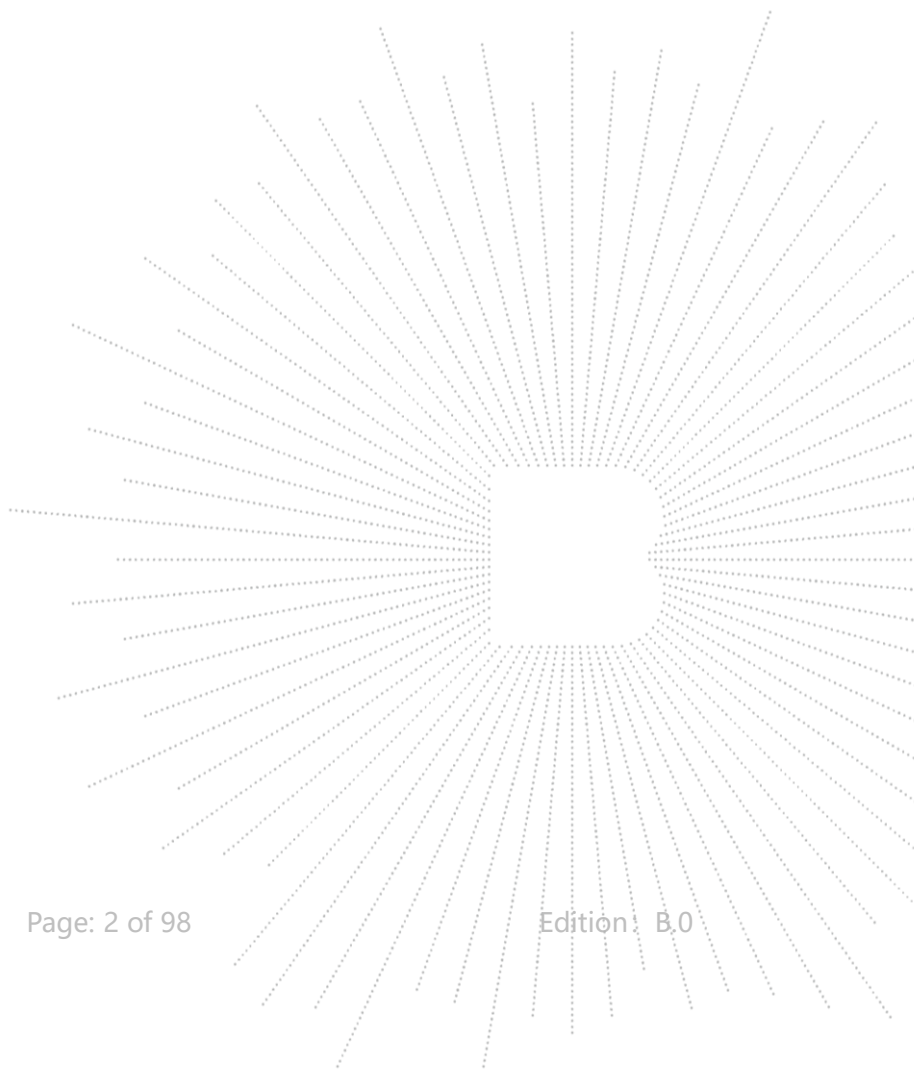
Issued Date: 2023-11-17

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**Shenzhen BCTC Testing Co., Ltd.**

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## Appendix 1. Conducted output power

| Band  | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Power (dBm) | Verdict |
|-------|-----------------|------------|---------|-------------|------------|-------------|---------|
| Band2 | 1.4             | 18607      | 1       | #0          | QPSK       | 22.78       | PASS    |
| Band2 | 1.4             | 18607      | 1       | #Mid        | QPSK       | 22.83       | PASS    |
| Band2 | 1.4             | 18607      | 1       | #Max        | QPSK       | 22.75       | PASS    |
| Band2 | 1.4             | 18607      | 3       | #0          | QPSK       | 22.71       | PASS    |
| Band2 | 1.4             | 18607      | 3       | #Mid        | QPSK       | 22.73       | PASS    |
| Band2 | 1.4             | 18607      | 3       | #Max        | QPSK       | 22.69       | PASS    |
| Band2 | 1.4             | 18607      | 6       | #0          | QPSK       | 21.71       | PASS    |
| Band2 | 1.4             | 18607      | 1       | #0          | 16QAM      | 21.37       | PASS    |
| Band2 | 1.4             | 18607      | 1       | #Mid        | 16QAM      | 21.76       | PASS    |
| Band2 | 1.4             | 18607      | 1       | #Max        | 16QAM      | 21.52       | PASS    |
| Band2 | 1.4             | 18607      | 3       | #0          | 16QAM      | 21.72       | PASS    |
| Band2 | 1.4             | 18607      | 3       | #Mid        | 16QAM      | 21.74       | PASS    |
| Band2 | 1.4             | 18607      | 3       | #Max        | 16QAM      | 21.66       | PASS    |
| Band2 | 1.4             | 18607      | 6       | #0          | 16QAM      | 20.65       | PASS    |
| Band2 | 1.4             | 18900      | 1       | #0          | QPSK       | 22.56       | PASS    |
| Band2 | 1.4             | 18900      | 1       | #Mid        | QPSK       | 22.7        | PASS    |
| Band2 | 1.4             | 18900      | 1       | #Max        | QPSK       | 22.61       | PASS    |
| Band2 | 1.4             | 18900      | 3       | #0          | QPSK       | 22.65       | PASS    |
| Band2 | 1.4             | 18900      | 3       | #Mid        | QPSK       | 22.76       | PASS    |
| Band2 | 1.4             | 18900      | 3       | #Max        | QPSK       | 22.69       | PASS    |
| Band2 | 1.4             | 18900      | 6       | #0          | QPSK       | 21.75       | PASS    |
| Band2 | 1.4             | 18900      | 1       | #0          | 16QAM      | 21.68       | PASS    |
| Band2 | 1.4             | 18900      | 1       | #Mid        | 16QAM      | 21.81       | PASS    |
| Band2 | 1.4             | 18900      | 1       | #Max        | 16QAM      | 21.59       | PASS    |
| Band2 | 1.4             | 18900      | 3       | #0          | 16QAM      | 21.78       | PASS    |
| Band2 | 1.4             | 18900      | 3       | #Mid        | 16QAM      | 21.8        | PASS    |
| Band2 | 1.4             | 18900      | 3       | #Max        | 16QAM      | 21.75       | PASS    |
| Band2 | 1.4             | 18900      | 6       | #0          | 16QAM      | 20.85       | PASS    |
| Band2 | 1.4             | 19193      | 1       | #0          | QPSK       | 22.93       | PASS    |
| Band2 | 1.4             | 19193      | 1       | #Mid        | QPSK       | 22.98       | PASS    |
| Band2 | 1.4             | 19193      | 1       | #Max        | QPSK       | 22.9        | PASS    |
| Band2 | 1.4             | 19193      | 3       | #0          | QPSK       | 22.83       | PASS    |
| Band2 | 1.4             | 19193      | 3       | #Mid        | QPSK       | 22.91       | PASS    |
| Band2 | 1.4             | 19193      | 3       | #Max        | QPSK       | 22.93       | PASS    |
| Band2 | 1.4             | 19193      | 6       | #0          | QPSK       | 21.92       | PASS    |
| Band2 | 1.4             | 19193      | 1       | #0          | 16QAM      | 21.85       | PASS    |
| Band2 | 1.4             | 19193      | 1       | #Mid        | 16QAM      | 21.91       | PASS    |
| Band2 | 1.4             | 19193      | 1       | #Max        | 16QAM      | 21.82       | PASS    |
| Band2 | 1.4             | 19193      | 3       | #0          | 16QAM      | 21.94       | PASS    |
| Band2 | 1.4             | 19193      | 3       | #Mid        | 16QAM      | 21.99       | PASS    |

|       |     |       |    |      |       |       |      |
|-------|-----|-------|----|------|-------|-------|------|
| Band2 | 1.4 | 19193 | 3  | #Max | 16QAM | 21.9  | PASS |
| Band2 | 1.4 | 19193 | 6  | #0   | 16QAM | 20.92 | PASS |
| Band2 | 3   | 18615 | 1  | #0   | QPSK  | 22.71 | PASS |
| Band2 | 3   | 18615 | 1  | #Mid | QPSK  | 22.92 | PASS |
| Band2 | 3   | 18615 | 1  | #Max | QPSK  | 22.74 | PASS |
| Band2 | 3   | 18615 | 8  | #0   | QPSK  | 21.74 | PASS |
| Band2 | 3   | 18615 | 8  | #Mid | QPSK  | 21.76 | PASS |
| Band2 | 3   | 18615 | 8  | #Max | QPSK  | 21.73 | PASS |
| Band2 | 3   | 18615 | 15 | #0   | QPSK  | 21.73 | PASS |
| Band2 | 3   | 18615 | 1  | #0   | 16QAM | 21.67 | PASS |
| Band2 | 3   | 18615 | 1  | #Mid | 16QAM | 21.9  | PASS |
| Band2 | 3   | 18615 | 1  | #Max | 16QAM | 21.47 | PASS |
| Band2 | 3   | 18615 | 8  | #0   | 16QAM | 20.68 | PASS |
| Band2 | 3   | 18615 | 8  | #Mid | 16QAM | 20.67 | PASS |
| Band2 | 3   | 18615 | 8  | #Max | 16QAM | 20.69 | PASS |
| Band2 | 3   | 18615 | 15 | #0   | 16QAM | 20.72 | PASS |
| Band2 | 3   | 18900 | 1  | #0   | QPSK  | 22.76 | PASS |
| Band2 | 3   | 18900 | 1  | #Mid | QPSK  | 23.09 | PASS |
| Band2 | 3   | 18900 | 1  | #Max | QPSK  | 22.87 | PASS |
| Band2 | 3   | 18900 | 8  | #0   | QPSK  | 21.81 | PASS |
| Band2 | 3   | 18900 | 8  | #Mid | QPSK  | 21.8  | PASS |
| Band2 | 3   | 18900 | 8  | #Max | QPSK  | 21.82 | PASS |
| Band2 | 3   | 18900 | 15 | #0   | QPSK  | 21.86 | PASS |
| Band2 | 3   | 18900 | 1  | #0   | 16QAM | 21.77 | PASS |
| Band2 | 3   | 18900 | 1  | #Mid | 16QAM | 21.97 | PASS |
| Band2 | 3   | 18900 | 1  | #Max | 16QAM | 21.87 | PASS |
| Band2 | 3   | 18900 | 8  | #0   | 16QAM | 20.82 | PASS |
| Band2 | 3   | 18900 | 8  | #Mid | 16QAM | 20.87 | PASS |
| Band2 | 3   | 18900 | 8  | #Max | 16QAM | 20.79 | PASS |
| Band2 | 3   | 18900 | 15 | #0   | 16QAM | 20.76 | PASS |
| Band2 | 3   | 19185 | 1  | #0   | QPSK  | 23.15 | PASS |
| Band2 | 3   | 19185 | 1  | #Mid | QPSK  | 23.24 | PASS |
| Band2 | 3   | 19185 | 1  | #Max | QPSK  | 22.97 | PASS |
| Band2 | 3   | 19185 | 8  | #0   | QPSK  | 21.95 | PASS |
| Band2 | 3   | 19185 | 8  | #Mid | QPSK  | 21.91 | PASS |
| Band2 | 3   | 19185 | 8  | #Max | QPSK  | 21.97 | PASS |
| Band2 | 3   | 19185 | 15 | #0   | QPSK  | 21.94 | PASS |
| Band2 | 3   | 19185 | 1  | #0   | 16QAM | 21.95 | PASS |
| Band2 | 3   | 19185 | 1  | #Mid | 16QAM | 21.95 | PASS |
| Band2 | 3   | 19185 | 1  | #Max | 16QAM | 21.92 | PASS |
| Band2 | 3   | 19185 | 8  | #0   | 16QAM | 20.94 | PASS |
| Band2 | 3   | 19185 | 8  | #Mid | 16QAM | 20.98 | PASS |
| Band2 | 3   | 19185 | 8  | #Max | 16QAM | 20.94 | PASS |
| Band2 | 3   | 19185 | 15 | #0   | 16QAM | 20.94 | PASS |

|       |    |       |    |      |       |       |      |
|-------|----|-------|----|------|-------|-------|------|
| Band2 | 5  | 18625 | 1  | #0   | QPSK  | 22.66 | PASS |
| Band2 | 5  | 18625 | 1  | #Mid | QPSK  | 22.92 | PASS |
| Band2 | 5  | 18625 | 1  | #Max | QPSK  | 22.58 | PASS |
| Band2 | 5  | 18625 | 12 | #0   | QPSK  | 21.81 | PASS |
| Band2 | 5  | 18625 | 12 | #Mid | QPSK  | 21.78 | PASS |
| Band2 | 5  | 18625 | 12 | #Max | QPSK  | 21.74 | PASS |
| Band2 | 5  | 18625 | 25 | #0   | QPSK  | 21.81 | PASS |
| Band2 | 5  | 18625 | 1  | #0   | 16QAM | 21.56 | PASS |
| Band2 | 5  | 18625 | 1  | #Mid | 16QAM | 21.57 | PASS |
| Band2 | 5  | 18625 | 1  | #Max | 16QAM | 21.46 | PASS |
| Band2 | 5  | 18625 | 12 | #0   | 16QAM | 20.67 | PASS |
| Band2 | 5  | 18625 | 12 | #Mid | 16QAM | 20.57 | PASS |
| Band2 | 5  | 18625 | 12 | #Max | 16QAM | 20.43 | PASS |
| Band2 | 5  | 18625 | 25 | #0   | 16QAM | 20.69 | PASS |
| Band2 | 5  | 18900 | 1  | #0   | QPSK  | 22.74 | PASS |
| Band2 | 5  | 18900 | 1  | #Mid | QPSK  | 22.99 | PASS |
| Band2 | 5  | 18900 | 1  | #Max | QPSK  | 22.86 | PASS |
| Band2 | 5  | 18900 | 12 | #0   | QPSK  | 21.8  | PASS |
| Band2 | 5  | 18900 | 12 | #Mid | QPSK  | 21.85 | PASS |
| Band2 | 5  | 18900 | 12 | #Max | QPSK  | 21.83 | PASS |
| Band2 | 5  | 18900 | 25 | #0   | QPSK  | 21.81 | PASS |
| Band2 | 5  | 18900 | 1  | #0   | 16QAM | 21.62 | PASS |
| Band2 | 5  | 18900 | 1  | #Mid | 16QAM | 21.97 | PASS |
| Band2 | 5  | 18900 | 1  | #Max | 16QAM | 21.74 | PASS |
| Band2 | 5  | 18900 | 12 | #0   | 16QAM | 20.76 | PASS |
| Band2 | 5  | 18900 | 12 | #Mid | 16QAM | 20.84 | PASS |
| Band2 | 5  | 18900 | 12 | #Max | 16QAM | 20.81 | PASS |
| Band2 | 5  | 18900 | 25 | #0   | 16QAM | 20.78 | PASS |
| Band2 | 5  | 19175 | 1  | #0   | QPSK  | 22.88 | PASS |
| Band2 | 5  | 19175 | 1  | #Mid | QPSK  | 23.05 | PASS |
| Band2 | 5  | 19175 | 1  | #Max | QPSK  | 22.9  | PASS |
| Band2 | 5  | 19175 | 12 | #0   | QPSK  | 21.95 | PASS |
| Band2 | 5  | 19175 | 12 | #Mid | QPSK  | 21.87 | PASS |
| Band2 | 5  | 19175 | 12 | #Max | QPSK  | 21.96 | PASS |
| Band2 | 5  | 19175 | 25 | #0   | QPSK  | 21.97 | PASS |
| Band2 | 5  | 19175 | 1  | #0   | 16QAM | 21.67 | PASS |
| Band2 | 5  | 19175 | 1  | #Mid | 16QAM | 21.97 | PASS |
| Band2 | 5  | 19175 | 1  | #Max | 16QAM | 21.72 | PASS |
| Band2 | 5  | 19175 | 12 | #0   | 16QAM | 20.96 | PASS |
| Band2 | 5  | 19175 | 12 | #Mid | 16QAM | 20.94 | PASS |
| Band2 | 5  | 19175 | 12 | #Max | 16QAM | 20.99 | PASS |
| Band2 | 5  | 19175 | 25 | #0   | 16QAM | 20.88 | PASS |
| Band2 | 10 | 18650 | 1  | #0   | QPSK  | 22.88 | PASS |
| Band2 | 10 | 18650 | 1  | #Mid | QPSK  | 22.74 | PASS |

|       |    |       |    |      |       |       |      |
|-------|----|-------|----|------|-------|-------|------|
| Band2 | 10 | 18650 | 1  | #Max | QPSK  | 22.79 | PASS |
| Band2 | 10 | 18650 | 25 | #0   | QPSK  | 21.7  | PASS |
| Band2 | 10 | 18650 | 25 | #Mid | QPSK  | 21.67 | PASS |
| Band2 | 10 | 18650 | 25 | #Max | QPSK  | 21.68 | PASS |
| Band2 | 10 | 18650 | 50 | #0   | QPSK  | 21.7  | PASS |
| Band2 | 10 | 18650 | 1  | #0   | 16QAM | 21.66 | PASS |
| Band2 | 10 | 18650 | 1  | #Mid | 16QAM | 21.51 | PASS |
| Band2 | 10 | 18650 | 1  | #Max | 16QAM | 21.47 | PASS |
| Band2 | 10 | 18650 | 25 | #0   | 16QAM | 20.67 | PASS |
| Band2 | 10 | 18650 | 25 | #Mid | 16QAM | 20.58 | PASS |
| Band2 | 10 | 18650 | 25 | #Max | 16QAM | 20.6  | PASS |
| Band2 | 10 | 18650 | 50 | #0   | 16QAM | 20.58 | PASS |
| Band2 | 10 | 18900 | 1  | #0   | QPSK  | 22.66 | PASS |
| Band2 | 10 | 18900 | 1  | #Mid | QPSK  | 22.7  | PASS |
| Band2 | 10 | 18900 | 1  | #Max | QPSK  | 22.99 | PASS |
| Band2 | 10 | 18900 | 25 | #0   | QPSK  | 21.83 | PASS |
| Band2 | 10 | 18900 | 25 | #Mid | QPSK  | 21.83 | PASS |
| Band2 | 10 | 18900 | 25 | #Max | QPSK  | 21.91 | PASS |
| Band2 | 10 | 18900 | 50 | #0   | QPSK  | 21.79 | PASS |
| Band2 | 10 | 18900 | 1  | #0   | 16QAM | 21.71 | PASS |
| Band2 | 10 | 18900 | 1  | #Mid | 16QAM | 21.78 | PASS |
| Band2 | 10 | 18900 | 1  | #Max | 16QAM | 21.77 | PASS |
| Band2 | 10 | 18900 | 25 | #0   | 16QAM | 20.77 | PASS |
| Band2 | 10 | 18900 | 25 | #Mid | 16QAM | 20.74 | PASS |
| Band2 | 10 | 18900 | 25 | #Max | 16QAM | 20.83 | PASS |
| Band2 | 10 | 18900 | 50 | #0   | 16QAM | 20.74 | PASS |
| Band2 | 10 | 19150 | 1  | #0   | QPSK  | 22.82 | PASS |
| Band2 | 10 | 19150 | 1  | #Mid | QPSK  | 22.89 | PASS |
| Band2 | 10 | 19150 | 1  | #Max | QPSK  | 22.92 | PASS |
| Band2 | 10 | 19150 | 25 | #0   | QPSK  | 21.83 | PASS |
| Band2 | 10 | 19150 | 25 | #Mid | QPSK  | 21.84 | PASS |
| Band2 | 10 | 19150 | 25 | #Max | QPSK  | 21.93 | PASS |
| Band2 | 10 | 19150 | 50 | #0   | QPSK  | 21.85 | PASS |
| Band2 | 10 | 19150 | 1  | #0   | 16QAM | 21.75 | PASS |
| Band2 | 10 | 19150 | 1  | #Mid | 16QAM | 21.94 | PASS |
| Band2 | 10 | 19150 | 1  | #Max | 16QAM | 21.74 | PASS |
| Band2 | 10 | 19150 | 25 | #0   | 16QAM | 20.89 | PASS |
| Band2 | 10 | 19150 | 25 | #Mid | 16QAM | 20.85 | PASS |
| Band2 | 10 | 19150 | 25 | #Max | 16QAM | 20.88 | PASS |
| Band2 | 10 | 19150 | 50 | #0   | 16QAM | 20.81 | PASS |
| Band2 | 15 | 18675 | 1  | #0   | QPSK  | 22.91 | PASS |
| Band2 | 15 | 18675 | 1  | #Mid | QPSK  | 22.91 | PASS |
| Band2 | 15 | 18675 | 1  | #Max | QPSK  | 22.88 | PASS |
| Band2 | 15 | 18675 | 36 | #0   | QPSK  | 21.71 | PASS |

|       |    |       |    |      |       |       |      |
|-------|----|-------|----|------|-------|-------|------|
| Band2 | 15 | 18675 | 36 | #Mid | QPSK  | 21.58 | PASS |
| Band2 | 15 | 18675 | 36 | #Max | QPSK  | 21.78 | PASS |
| Band2 | 15 | 18675 | 75 | #0   | QPSK  | 21.59 | PASS |
| Band2 | 15 | 18675 | 1  | #0   | 16QAM | 21.61 | PASS |
| Band2 | 15 | 18675 | 1  | #Mid | 16QAM | 21.64 | PASS |
| Band2 | 15 | 18675 | 1  | #Max | 16QAM | 21.51 | PASS |
| Band2 | 15 | 18675 | 36 | #0   | 16QAM | 20.63 | PASS |
| Band2 | 15 | 18675 | 36 | #Mid | 16QAM | 20.55 | PASS |
| Band2 | 15 | 18675 | 36 | #Max | 16QAM | 20.62 | PASS |
| Band2 | 15 | 18675 | 75 | #0   | 16QAM | 20.53 | PASS |
| Band2 | 15 | 18900 | 1  | #0   | QPSK  | 22.61 | PASS |
| Band2 | 15 | 18900 | 1  | #Mid | QPSK  | 22.85 | PASS |
| Band2 | 15 | 18900 | 1  | #Max | QPSK  | 22.74 | PASS |
| Band2 | 15 | 18900 | 36 | #0   | QPSK  | 21.74 | PASS |
| Band2 | 15 | 18900 | 36 | #Mid | QPSK  | 21.7  | PASS |
| Band2 | 15 | 18900 | 36 | #Max | QPSK  | 21.78 | PASS |
| Band2 | 15 | 18900 | 75 | #0   | QPSK  | 21.72 | PASS |
| Band2 | 15 | 18900 | 1  | #0   | 16QAM | 21.75 | PASS |
| Band2 | 15 | 18900 | 1  | #Mid | 16QAM | 21.88 | PASS |
| Band2 | 15 | 18900 | 1  | #Max | 16QAM | 21.74 | PASS |
| Band2 | 15 | 18900 | 36 | #0   | 16QAM | 20.67 | PASS |
| Band2 | 15 | 18900 | 36 | #Mid | 16QAM | 20.72 | PASS |
| Band2 | 15 | 18900 | 36 | #Max | 16QAM | 20.76 | PASS |
| Band2 | 15 | 18900 | 75 | #0   | 16QAM | 20.69 | PASS |
| Band2 | 15 | 19125 | 1  | #0   | QPSK  | 22.52 | PASS |
| Band2 | 15 | 19125 | 1  | #Mid | QPSK  | 22.76 | PASS |
| Band2 | 15 | 19125 | 1  | #Max | QPSK  | 22.67 | PASS |
| Band2 | 15 | 19125 | 36 | #0   | QPSK  | 21.68 | PASS |
| Band2 | 15 | 19125 | 36 | #Mid | QPSK  | 21.76 | PASS |
| Band2 | 15 | 19125 | 36 | #Max | QPSK  | 21.59 | PASS |
| Band2 | 15 | 19125 | 75 | #0   | QPSK  | 21.58 | PASS |
| Band2 | 15 | 19125 | 1  | #0   | 16QAM | 21.48 | PASS |
| Band2 | 15 | 19125 | 1  | #Mid | 16QAM | 21.75 | PASS |
| Band2 | 15 | 19125 | 1  | #Max | 16QAM | 21.71 | PASS |
| Band2 | 15 | 19125 | 36 | #0   | 16QAM | 20.61 | PASS |
| Band2 | 15 | 19125 | 36 | #Mid | 16QAM | 20.71 | PASS |
| Band2 | 15 | 19125 | 36 | #Max | 16QAM | 20.73 | PASS |
| Band2 | 15 | 19125 | 75 | #0   | 16QAM | 20.58 | PASS |
| Band2 | 20 | 18700 | 1  | #0   | QPSK  | 22.61 | PASS |
| Band2 | 20 | 18700 | 1  | #Mid | QPSK  | 22.72 | PASS |
| Band2 | 20 | 18700 | 1  | #Max | QPSK  | 22.81 | PASS |
| Band2 | 20 | 18700 | 50 | #0   | QPSK  | 21.72 | PASS |
| Band2 | 20 | 18700 | 50 | #Mid | QPSK  | 21.77 | PASS |
| Band2 | 20 | 18700 | 50 | #Max | QPSK  | 21.84 | PASS |

|       |    |       |     |      |       |       |      |
|-------|----|-------|-----|------|-------|-------|------|
| Band2 | 20 | 18700 | 100 | #0   | QPSK  | 21.71 | PASS |
| Band2 | 20 | 18700 | 1   | #0   | 16QAM | 21.55 | PASS |
| Band2 | 20 | 18700 | 1   | #Mid | 16QAM | 21.59 | PASS |
| Band2 | 20 | 18700 | 1   | #Max | 16QAM | 21.65 | PASS |
| Band2 | 20 | 18700 | 50  | #0   | 16QAM | 20.59 | PASS |
| Band2 | 20 | 18700 | 50  | #Mid | 16QAM | 20.63 | PASS |
| Band2 | 20 | 18700 | 50  | #Max | 16QAM | 20.69 | PASS |
| Band2 | 20 | 18700 | 100 | #0   | 16QAM | 20.62 | PASS |
| Band2 | 20 | 18900 | 1   | #0   | QPSK  | 22.8  | PASS |
| Band2 | 20 | 18900 | 1   | #Mid | QPSK  | 22.72 | PASS |
| Band2 | 20 | 18900 | 1   | #Max | QPSK  | 22.79 | PASS |
| Band2 | 20 | 18900 | 50  | #0   | QPSK  | 21.83 | PASS |
| Band2 | 20 | 18900 | 50  | #Mid | QPSK  | 21.78 | PASS |
| Band2 | 20 | 18900 | 50  | #Max | QPSK  | 21.87 | PASS |
| Band2 | 20 | 18900 | 100 | #0   | QPSK  | 21.86 | PASS |
| Band2 | 20 | 18900 | 1   | #0   | 16QAM | 21.68 | PASS |
| Band2 | 20 | 18900 | 1   | #Mid | 16QAM | 21.8  | PASS |
| Band2 | 20 | 18900 | 1   | #Max | 16QAM | 21.66 | PASS |
| Band2 | 20 | 18900 | 50  | #0   | 16QAM | 20.7  | PASS |
| Band2 | 20 | 18900 | 50  | #Mid | 16QAM | 20.67 | PASS |
| Band2 | 20 | 18900 | 50  | #Max | 16QAM | 20.84 | PASS |
| Band2 | 20 | 18900 | 100 | #0   | 16QAM | 20.74 | PASS |
| Band2 | 20 | 19100 | 1   | #0   | QPSK  | 22.88 | PASS |
| Band2 | 20 | 19100 | 1   | #Mid | QPSK  | 22.72 | PASS |
| Band2 | 20 | 19100 | 1   | #Max | QPSK  | 22.88 | PASS |
| Band2 | 20 | 19100 | 50  | #0   | QPSK  | 21.64 | PASS |
| Band2 | 20 | 19100 | 50  | #Mid | QPSK  | 21.69 | PASS |
| Band2 | 20 | 19100 | 50  | #Max | QPSK  | 21.79 | PASS |
| Band2 | 20 | 19100 | 100 | #0   | QPSK  | 21.73 | PASS |
| Band2 | 20 | 19100 | 1   | #0   | 16QAM | 21.37 | PASS |
| Band2 | 20 | 19100 | 1   | #Mid | 16QAM | 21.63 | PASS |
| Band2 | 20 | 19100 | 1   | #Max | 16QAM | 21.59 | PASS |
| Band2 | 20 | 19100 | 50  | #0   | 16QAM | 20.66 | PASS |
| Band2 | 20 | 19100 | 50  | #Mid | 16QAM | 20.68 | PASS |
| Band2 | 20 | 19100 | 50  | #Max | 16QAM | 20.74 | PASS |
| Band2 | 20 | 19100 | 100 | #0   | 16QAM | 20.7  | PASS |

## Appendix 2. Frequency stability

| Band  | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Voltage (Vdc) | Temperature (C) | Result (Hz) | Result (ppm) | Low Limit (ppm) | High Limit (ppm) | Verdict |
|-------|-----------------|------------|---------|-------------|------------|---------------|-----------------|-------------|--------------|-----------------|------------------|---------|
| Band2 | 1.4             | 18607      | 6       | #0          | QPSK       | LV            | NT              | 1.24        | 0.001        | -2.5            | 2.5              | PASS    |
| Band2 | 1.4             | 18607      | 6       | #0          | QPSK       | NV            | NT              | 6.39        | 0.003        | -2.5            | 2.5              | PASS    |
| Band2 | 1.4             | 18607      | 6       | #0          | QPSK       | HV            | NT              | 3.42        | 0.002        | -2.5            | 2.5              | PASS    |
| Band2 | 1.4             | 18607      | 6       | #0          | 16QAM      | LV            | NT              | 2.40        | 0.001        | -2.5            | 2.5              | PASS    |
| Band2 | 1.4             | 18607      | 6       | #0          | 16QAM      | NV            | NT              | 1.09        | 0.001        | -2.5            | 2.5              | PASS    |
| Band2 | 1.4             | 18607      | 6       | #0          | 16QAM      | HV            | NT              | 3.52        | 0.002        | -2.5            | 2.5              | PASS    |
| Band2 | 1.4             | 18900      | 6       | #0          | QPSK       | LV            | NT              | 1.00        | 0.001        | -2.5            | 2.5              | PASS    |
| Band2 | 1.4             | 18900      | 6       | #0          | QPSK       | NV            | NT              | -1.07       | -0.001       | -2.5            | 2.5              | PASS    |
| Band2 | 1.4             | 18900      | 6       | #0          | QPSK       | HV            | NT              | -1.67       | -0.001       | -2.5            | 2.5              | PASS    |
| Band2 | 1.4             | 18900      | 6       | #0          | 16QAM      | LV            | NT              | 2.46        | 0.001        | -2.5            | 2.5              | PASS    |
| Band2 | 1.4             | 18900      | 6       | #0          | 16QAM      | NV            | NT              | -1.36       | -0.001       | -2.5            | 2.5              | PASS    |
| Band2 | 1.4             | 18900      | 6       | #0          | 16QAM      | HV            | NT              | -1.30       | -0.001       | -2.5            | 2.5              | PASS    |
| Band2 | 1.4             | 19193      | 6       | #0          | QPSK       | LV            | NT              | -1.69       | -0.001       | -2.5            | 2.5              | PASS    |
| Band2 | 1.4             | 19193      | 6       | #0          | QPSK       | NV            | NT              | 3.66        | 0.002        | -2.5            | 2.5              | PASS    |
| Band2 | 1.4             | 19193      | 6       | #0          | QPSK       | HV            | NT              | 3.36        | 0.002        | -2.5            | 2.5              | PASS    |
| Band2 | 1.4             | 19193      | 6       | #0          | 16QAM      | LV            | NT              | -1.49       | -0.001       | -2.5            | 2.5              | PASS    |
| Band2 | 1.4             | 19193      | 6       | #0          | 16QAM      | NV            | NT              | -1.79       | -0.001       | -2.5            | 2.5              | PASS    |
| Band2 | 1.4             | 19193      | 6       | #0          | 16QAM      | HV            | NT              | 0.16        | 0.000        | -2.5            | 2.5              | PASS    |



|           |   |       |    |    |       |    |    |            |            |      |     |          |
|-----------|---|-------|----|----|-------|----|----|------------|------------|------|-----|----------|
| Ban<br>d2 | 3 | 18615 | 15 | #0 | QPSK  | LV | NT | 2.99       | 0.00<br>2  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18615 | 15 | #0 | QPSK  | NV | NT | 1.39       | 0.00<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18615 | 15 | #0 | QPSK  | HV | NT | -0.7<br>9  | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18615 | 15 | #0 | 16QAM | LV | NT | 0.82       | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18615 | 15 | #0 | 16QAM | NV | NT | 2.09       | 0.00<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18615 | 15 | #0 | 16QAM | HV | NT | 2.80       | 0.00<br>2  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18900 | 15 | #0 | QPSK  | LV | NT | 3.20       | 0.00<br>2  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18900 | 15 | #0 | QPSK  | NV | NT | 4.32       | 0.00<br>2  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18900 | 15 | #0 | QPSK  | HV | NT | 5.97       | 0.00<br>3  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18900 | 15 | #0 | 16QAM | LV | NT | 3.20       | 0.00<br>2  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18900 | 15 | #0 | 16QAM | NV | NT | 5.66       | 0.00<br>3  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18900 | 15 | #0 | 16QAM | HV | NT | 12.4<br>3  | 0.00<br>7  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 19185 | 15 | #0 | QPSK  | LV | NT | 2.53       | 0.00<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 19185 | 15 | #0 | QPSK  | NV | NT | 3.89       | 0.00<br>2  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 19185 | 15 | #0 | QPSK  | HV | NT | -18.<br>04 | -0.0<br>09 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 19185 | 15 | #0 | 16QAM | LV | NT | -8.1<br>5  | -0.0<br>04 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 19185 | 15 | #0 | 16QAM | NV | NT | -0.3<br>3  | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 19185 | 15 | #0 | 16QAM | HV | NT | -2.3<br>7  | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18625 | 25 | #0 | QPSK  | LV | NT | 5.39       | 0.00<br>3  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18625 | 25 | #0 | QPSK  | NV | NT | 1.50       | 0.00<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18625 | 25 | #0 | QPSK  | HV | NT | 0.07       | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18625 | 25 | #0 | 16QAM | LV | NT | 3.05       | 0.00<br>2  | -2.5 | 2.5 | PAS<br>S |



|           |    |       |    |    |       |    |    |           |            |      |     |          |
|-----------|----|-------|----|----|-------|----|----|-----------|------------|------|-----|----------|
| Ban<br>d2 | 5  | 18625 | 25 | #0 | 16QAM | NV | NT | -1.4<br>9 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5  | 18625 | 25 | #0 | 16QAM | HV | NT | 3.45      | 0.00<br>2  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5  | 18900 | 25 | #0 | QPSK  | LV | NT | 5.95      | 0.00<br>3  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5  | 18900 | 25 | #0 | QPSK  | NV | NT | 4.01      | 0.00<br>2  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5  | 18900 | 25 | #0 | QPSK  | HV | NT | 1.37      | 0.00<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5  | 18900 | 25 | #0 | 16QAM | LV | NT | 4.13      | 0.00<br>2  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5  | 18900 | 25 | #0 | 16QAM | NV | NT | 5.42      | 0.00<br>3  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5  | 18900 | 25 | #0 | 16QAM | HV | NT | 6.24      | 0.00<br>3  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5  | 19175 | 25 | #0 | QPSK  | LV | NT | 6.88      | 0.00<br>4  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5  | 19175 | 25 | #0 | QPSK  | NV | NT | 6.69      | 0.00<br>4  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5  | 19175 | 25 | #0 | QPSK  | HV | NT | 3.81      | 0.00<br>2  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5  | 19175 | 25 | #0 | 16QAM | LV | NT | -0.3<br>1 | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5  | 19175 | 25 | #0 | 16QAM | NV | NT | 4.51      | 0.00<br>2  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5  | 19175 | 25 | #0 | 16QAM | HV | NT | 0.53      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18650 | 50 | #0 | QPSK  | LV | NT | 2.66      | 0.00<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18650 | 50 | #0 | QPSK  | NV | NT | -0.3<br>6 | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18650 | 50 | #0 | QPSK  | HV | NT | 1.23      | 0.00<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18650 | 50 | #0 | 16QAM | LV | NT | 1.43      | 0.00<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18650 | 50 | #0 | 16QAM | NV | NT | 2.60      | 0.00<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18650 | 50 | #0 | 16QAM | HV | NT | 0.56      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18900 | 50 | #0 | QPSK  | LV | NT | 1.14      | 0.00<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18900 | 50 | #0 | QPSK  | NV | NT | 1.85      | 0.00<br>1  | -2.5 | 2.5 | PAS<br>S |



|           |    |       |    |    |       |    |    |           |           |      |     |          |
|-----------|----|-------|----|----|-------|----|----|-----------|-----------|------|-----|----------|
| Ban<br>d2 | 10 | 18900 | 50 | #0 | QPSK  | HV | NT | 3.48      | 0.00<br>2 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18900 | 50 | #0 | 16QAM | LV | NT | 3.52      | 0.00<br>2 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18900 | 50 | #0 | 16QAM | NV | NT | 1.46      | 0.00<br>1 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18900 | 50 | #0 | 16QAM | HV | NT | 0.36      | 0.00<br>0 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 19150 | 50 | #0 | QPSK  | LV | NT | 4.84      | 0.00<br>3 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 19150 | 50 | #0 | QPSK  | NV | NT | -0.8<br>3 | 0.00<br>0 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 19150 | 50 | #0 | QPSK  | HV | NT | 1.76      | 0.00<br>1 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 19150 | 50 | #0 | 16QAM | LV | NT | -0.2<br>1 | 0.00<br>0 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 19150 | 50 | #0 | 16QAM | NV | NT | -0.0<br>6 | 0.00<br>0 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 19150 | 50 | #0 | 16QAM | HV | NT | 4.05      | 0.00<br>2 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 15 | 18675 | 75 | #0 | QPSK  | LV | NT | 0.17      | 0.00<br>0 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 15 | 18675 | 75 | #0 | QPSK  | NV | NT | 1.99      | 0.00<br>1 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 15 | 18675 | 75 | #0 | QPSK  | HV | NT | 0.24      | 0.00<br>0 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 15 | 18675 | 75 | #0 | 16QAM | LV | NT | -0.3<br>3 | 0.00<br>0 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 15 | 18675 | 75 | #0 | 16QAM | NV | NT | -0.3<br>1 | 0.00<br>0 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 15 | 18675 | 75 | #0 | 16QAM | HV | NT | 0.86      | 0.00<br>0 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 15 | 18900 | 75 | #0 | QPSK  | LV | NT | 5.66      | 0.00<br>3 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 15 | 18900 | 75 | #0 | QPSK  | NV | NT | 2.92      | 0.00<br>2 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 15 | 18900 | 75 | #0 | QPSK  | HV | NT | 4.39      | 0.00<br>2 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 15 | 18900 | 75 | #0 | 16QAM | LV | NT | 4.12      | 0.00<br>2 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 15 | 18900 | 75 | #0 | 16QAM | NV | NT | 3.25      | 0.00<br>2 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 15 | 18900 | 75 | #0 | 16QAM | HV | NT | 2.55      | 0.00<br>1 | -2.5 | 2.5 | PAS<br>S |



|           |    |       |         |    |       |    |    |           |           |      |     |          |
|-----------|----|-------|---------|----|-------|----|----|-----------|-----------|------|-----|----------|
| Ban<br>d2 | 15 | 19125 | 75      | #0 | QPSK  | LV | NT | 1.04      | 0.00<br>1 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 15 | 19125 | 75      | #0 | QPSK  | NV | NT | 0.97      | 0.00<br>1 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 15 | 19125 | 75      | #0 | QPSK  | HV | NT | 0.36      | 0.00<br>0 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 15 | 19125 | 75      | #0 | 16QAM | LV | NT | 4.13      | 0.00<br>2 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 15 | 19125 | 75      | #0 | 16QAM | NV | NT | 1.39      | 0.00<br>1 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 15 | 19125 | 75      | #0 | 16QAM | HV | NT | 2.25      | 0.00<br>1 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 20 | 18700 | 10<br>0 | #0 | QPSK  | LV | NT | 1.12      | 0.00<br>1 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 20 | 18700 | 10<br>0 | #0 | QPSK  | NV | NT | -0.6<br>3 | 0.00<br>0 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 20 | 18700 | 10<br>0 | #0 | QPSK  | HV | NT | 0.74      | 0.00<br>0 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 20 | 18700 | 10<br>0 | #0 | 16QAM | LV | NT | -0.7<br>0 | 0.00<br>0 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 20 | 18700 | 10<br>0 | #0 | 16QAM | NV | NT | 0.51      | 0.00<br>0 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 20 | 18700 | 10<br>0 | #0 | 16QAM | HV | NT | 0.20      | 0.00<br>0 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 20 | 18900 | 10<br>0 | #0 | QPSK  | LV | NT | 1.82      | 0.00<br>1 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 20 | 18900 | 10<br>0 | #0 | QPSK  | NV | NT | -0.2<br>4 | 0.00<br>0 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 20 | 18900 | 10<br>0 | #0 | QPSK  | HV | NT | -0.2<br>6 | 0.00<br>0 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 20 | 18900 | 10<br>0 | #0 | 16QAM | LV | NT | -0.8<br>3 | 0.00<br>0 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 20 | 18900 | 10<br>0 | #0 | 16QAM | NV | NT | 1.22      | 0.00<br>1 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 20 | 18900 | 10<br>0 | #0 | 16QAM | HV | NT | 0.51      | 0.00<br>0 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 20 | 19100 | 10<br>0 | #0 | QPSK  | LV | NT | 4.96      | 0.00<br>3 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 20 | 19100 | 10<br>0 | #0 | QPSK  | NV | NT | 3.33      | 0.00<br>2 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 20 | 19100 | 10<br>0 | #0 | QPSK  | HV | NT | 2.10      | 0.00<br>1 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 20 | 19100 | 10<br>0 | #0 | 16QAM | LV | NT | 3.45      | 0.00<br>2 | -2.5 | 2.5 | PAS<br>S |



|           |    |       |         |    |       |    |    |      |           |      |     |          |
|-----------|----|-------|---------|----|-------|----|----|------|-----------|------|-----|----------|
| Ban<br>d2 | 20 | 19100 | 10<br>0 | #0 | 16QAM | NV | NT | 3.89 | 0.00<br>2 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 20 | 19100 | 10<br>0 | #0 | 16QAM | HV | NT | 4.29 | 0.00<br>2 | -2.5 | 2.5 | PAS<br>S |

| Ban<br>d  | Bandwi<br>dth<br>(MHz) | UL<br>Chann<br>el | RB<br>Siz<br>e | RB<br>Positi<br>on | Modulati<br>on | Volta<br>ge<br>(Vdc) | Temperat<br>ue (C) | Res<br>ult<br>(Hz) | Res<br>ult<br>(pp<br>m) | Low<br>Limi<br>t<br>(pp<br>m) | high<br>Limi<br>t<br>(pp<br>m) | Verdi<br>ct |
|-----------|------------------------|-------------------|----------------|--------------------|----------------|----------------------|--------------------|--------------------|-------------------------|-------------------------------|--------------------------------|-------------|
| Ban<br>d2 | 1.4                    | 18607             | 6              | #0                 | QPSK           | NV                   | -30                | -2.6<br>0          | -0.0<br>01              | -2.5                          | 2.5                            | PAS<br>S    |
| Ban<br>d2 | 1.4                    | 18607             | 6              | #0                 | QPSK           | NV                   | -20                | -2.7<br>2          | -0.0<br>01              | -2.5                          | 2.5                            | PAS<br>S    |
| Ban<br>d2 | 1.4                    | 18607             | 6              | #0                 | QPSK           | NV                   | -10                | -2.3<br>6          | -0.0<br>01              | -2.5                          | 2.5                            | PAS<br>S    |
| Ban<br>d2 | 1.4                    | 18607             | 6              | #0                 | QPSK           | NV                   | 0                  | -2.5<br>9          | -0.0<br>01              | -2.5                          | 2.5                            | PAS<br>S    |
| Ban<br>d2 | 1.4                    | 18607             | 6              | #0                 | QPSK           | NV                   | 10                 | -2.4<br>5          | -0.0<br>01              | -2.5                          | 2.5                            | PAS<br>S    |
| Ban<br>d2 | 1.4                    | 18607             | 6              | #0                 | QPSK           | NV                   | 20                 | -2.1<br>0          | -0.0<br>01              | -2.5                          | 2.5                            | PAS<br>S    |
| Ban<br>d2 | 1.4                    | 18607             | 6              | #0                 | QPSK           | NV                   | 30                 | -1.6<br>6          | -0.0<br>01              | -2.5                          | 2.5                            | PAS<br>S    |
| Ban<br>d2 | 1.4                    | 18607             | 6              | #0                 | QPSK           | NV                   | 40                 | -3.7<br>9          | -0.0<br>02              | -2.5                          | 2.5                            | PAS<br>S    |
| Ban<br>d2 | 1.4                    | 18607             | 6              | #0                 | QPSK           | NV                   | 50                 | -2.1<br>9          | -0.0<br>01              | -2.5                          | 2.5                            | PAS<br>S    |
| Ban<br>d2 | 1.4                    | 18607             | 6              | #0                 | 16QAM          | NV                   | -30                | -3.6<br>2          | -0.0<br>02              | -2.5                          | 2.5                            | PAS<br>S    |
| Ban<br>d2 | 1.4                    | 18607             | 6              | #0                 | 16QAM          | NV                   | -20                | -3.6<br>0          | -0.0<br>02              | -2.5                          | 2.5                            | PAS<br>S    |
| Ban<br>d2 | 1.4                    | 18607             | 6              | #0                 | 16QAM          | NV                   | -10                | -3.7<br>3          | -0.0<br>02              | -2.5                          | 2.5                            | PAS<br>S    |
| Ban<br>d2 | 1.4                    | 18607             | 6              | #0                 | 16QAM          | NV                   | 0                  | -1.1<br>2          | -0.0<br>01              | -2.5                          | 2.5                            | PAS<br>S    |
| Ban<br>d2 | 1.4                    | 18607             | 6              | #0                 | 16QAM          | NV                   | 10                 | -2.8<br>9          | -0.0<br>02              | -2.5                          | 2.5                            | PAS<br>S    |
| Ban<br>d2 | 1.4                    | 18607             | 6              | #0                 | 16QAM          | NV                   | 20                 | -2.2<br>2          | -0.0<br>01              | -2.5                          | 2.5                            | PAS<br>S    |
| Ban<br>d2 | 1.4                    | 18607             | 6              | #0                 | 16QAM          | NV                   | 30                 | -2.4<br>3          | -0.0<br>01              | -2.5                          | 2.5                            | PAS<br>S    |
| Ban<br>d2 | 1.4                    | 18607             | 6              | #0                 | 16QAM          | NV                   | 40                 | -3.4<br>9          | -0.0<br>02              | -2.5                          | 2.5                            | PAS<br>S    |



|           |     |       |   |    |       |    |     |           |            |      |     |          |
|-----------|-----|-------|---|----|-------|----|-----|-----------|------------|------|-----|----------|
| Ban<br>d2 | 1.4 | 18607 | 6 | #0 | 16QAM | NV | 50  | -2.1<br>6 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 18900 | 6 | #0 | QPSK  | NV | -30 | -3.9<br>2 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 18900 | 6 | #0 | QPSK  | NV | -20 | -4.8<br>5 | -0.0<br>03 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 18900 | 6 | #0 | QPSK  | NV | -10 | -3.8<br>1 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 18900 | 6 | #0 | QPSK  | NV | 0   | -3.9<br>9 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 18900 | 6 | #0 | QPSK  | NV | 10  | -3.9<br>1 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 18900 | 6 | #0 | QPSK  | NV | 20  | -4.5<br>8 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 18900 | 6 | #0 | QPSK  | NV | 30  | -3.8<br>1 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 18900 | 6 | #0 | QPSK  | NV | 40  | -5.3<br>8 | -0.0<br>03 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 18900 | 6 | #0 | QPSK  | NV | 50  | -4.6<br>6 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 18900 | 6 | #0 | 16QAM | NV | -30 | -5.0<br>5 | -0.0<br>03 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 18900 | 6 | #0 | 16QAM | NV | -20 | -3.9<br>3 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 18900 | 6 | #0 | 16QAM | NV | -10 | -4.0<br>5 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 18900 | 6 | #0 | 16QAM | NV | 0   | -4.4<br>5 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 18900 | 6 | #0 | 16QAM | NV | 10  | -2.4<br>3 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 18900 | 6 | #0 | 16QAM | NV | 20  | -3.1<br>9 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 18900 | 6 | #0 | 16QAM | NV | 30  | -3.4<br>9 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 18900 | 6 | #0 | 16QAM | NV | 40  | -3.1<br>6 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 18900 | 6 | #0 | 16QAM | NV | 50  | -3.2<br>6 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 19193 | 6 | #0 | QPSK  | NV | -30 | -0.2<br>7 | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 19193 | 6 | #0 | QPSK  | NV | -20 | -1.8<br>5 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 19193 | 6 | #0 | QPSK  | NV | -10 | -0.0<br>1 | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |

|           |     |       |    |    |       |    |     |           |            |      |     |          |
|-----------|-----|-------|----|----|-------|----|-----|-----------|------------|------|-----|----------|
| Ban<br>d2 | 1.4 | 19193 | 6  | #0 | QPSK  | NV | 0   | 0.69      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 19193 | 6  | #0 | QPSK  | NV | 10  | 0.67      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 19193 | 6  | #0 | QPSK  | NV | 20  | -1.9<br>9 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 19193 | 6  | #0 | QPSK  | NV | 30  | -0.2<br>1 | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 19193 | 6  | #0 | QPSK  | NV | 40  | -0.7<br>3 | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 19193 | 6  | #0 | QPSK  | NV | 50  | -2.1<br>2 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 19193 | 6  | #0 | 16QAM | NV | -30 | 0.72      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 19193 | 6  | #0 | 16QAM | NV | -20 | -0.6<br>0 | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 19193 | 6  | #0 | 16QAM | NV | -10 | 0.13      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 19193 | 6  | #0 | 16QAM | NV | 0   | -0.9<br>7 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 19193 | 6  | #0 | 16QAM | NV | 10  | 0.50      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 19193 | 6  | #0 | 16QAM | NV | 20  | -0.2<br>1 | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 19193 | 6  | #0 | 16QAM | NV | 30  | -1.2<br>9 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 19193 | 6  | #0 | 16QAM | NV | 40  | -0.2<br>7 | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 1.4 | 19193 | 6  | #0 | 16QAM | NV | 50  | -1.2<br>4 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3   | 18615 | 15 | #0 | QPSK  | NV | -30 | -1.5<br>6 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3   | 18615 | 15 | #0 | QPSK  | NV | -20 | -2.1<br>7 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3   | 18615 | 15 | #0 | QPSK  | NV | -10 | -3.0<br>6 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3   | 18615 | 15 | #0 | QPSK  | NV | 0   | -2.2<br>5 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3   | 18615 | 15 | #0 | QPSK  | NV | 10  | -3.3<br>9 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3   | 18615 | 15 | #0 | QPSK  | NV | 20  | -2.8<br>8 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3   | 18615 | 15 | #0 | QPSK  | NV | 30  | -2.6<br>9 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |

|           |   |       |    |    |       |    |     |           |            |      |     |          |
|-----------|---|-------|----|----|-------|----|-----|-----------|------------|------|-----|----------|
| Ban<br>d2 | 3 | 18615 | 15 | #0 | QPSK  | NV | 40  | -3.8<br>1 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18615 | 15 | #0 | QPSK  | NV | 50  | -4.0<br>9 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18615 | 15 | #0 | 16QAM | NV | -30 | -2.7<br>6 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18615 | 15 | #0 | 16QAM | NV | -20 | -2.7<br>3 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18615 | 15 | #0 | 16QAM | NV | -10 | -4.0<br>6 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18615 | 15 | #0 | 16QAM | NV | 0   | -2.9<br>2 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18615 | 15 | #0 | 16QAM | NV | 10  | -3.2<br>8 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18615 | 15 | #0 | 16QAM | NV | 20  | -2.5<br>6 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18615 | 15 | #0 | 16QAM | NV | 30  | -2.2<br>0 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18615 | 15 | #0 | 16QAM | NV | 40  | -3.4<br>0 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18615 | 15 | #0 | 16QAM | NV | 50  | -2.4<br>0 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18900 | 15 | #0 | QPSK  | NV | -30 | -4.3<br>8 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18900 | 15 | #0 | QPSK  | NV | -20 | -3.0<br>3 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18900 | 15 | #0 | QPSK  | NV | -10 | -3.6<br>8 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18900 | 15 | #0 | QPSK  | NV | 0   | -4.6<br>3 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18900 | 15 | #0 | QPSK  | NV | 10  | -2.1<br>0 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18900 | 15 | #0 | QPSK  | NV | 20  | -3.4<br>2 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18900 | 15 | #0 | QPSK  | NV | 30  | -3.7<br>3 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18900 | 15 | #0 | QPSK  | NV | 40  | -3.1<br>5 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18900 | 15 | #0 | QPSK  | NV | 50  | -3.5<br>9 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18900 | 15 | #0 | 16QAM | NV | -30 | -3.6<br>5 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18900 | 15 | #0 | 16QAM | NV | -20 | -3.9<br>2 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |



|           |   |       |    |    |       |    |     |           |            |      |     |          |
|-----------|---|-------|----|----|-------|----|-----|-----------|------------|------|-----|----------|
| Ban<br>d2 | 3 | 18900 | 15 | #0 | 16QAM | NV | -10 | -4.3<br>2 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18900 | 15 | #0 | 16QAM | NV | 0   | -5.3<br>8 | -0.0<br>03 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18900 | 15 | #0 | 16QAM | NV | 10  | -5.1<br>8 | -0.0<br>03 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18900 | 15 | #0 | 16QAM | NV | 20  | -4.0<br>5 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18900 | 15 | #0 | 16QAM | NV | 30  | -5.1<br>4 | -0.0<br>03 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18900 | 15 | #0 | 16QAM | NV | 40  | -3.4<br>9 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 18900 | 15 | #0 | 16QAM | NV | 50  | -3.0<br>8 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 19185 | 15 | #0 | QPSK  | NV | -30 | -0.2<br>9 | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 19185 | 15 | #0 | QPSK  | NV | -20 | 0.17      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 19185 | 15 | #0 | QPSK  | NV | -10 | -1.7<br>7 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 19185 | 15 | #0 | QPSK  | NV | 0   | -0.1<br>9 | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 19185 | 15 | #0 | QPSK  | NV | 10  | -0.4<br>0 | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 19185 | 15 | #0 | QPSK  | NV | 20  | 0.63      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 19185 | 15 | #0 | QPSK  | NV | 30  | 0.44      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 19185 | 15 | #0 | QPSK  | NV | 40  | -0.2<br>9 | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 19185 | 15 | #0 | QPSK  | NV | 50  | 1.02      | 0.00<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 19185 | 15 | #0 | 16QAM | NV | -30 | 0.34      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 19185 | 15 | #0 | 16QAM | NV | -20 | 0.50      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 19185 | 15 | #0 | 16QAM | NV | -10 | -0.3<br>3 | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 19185 | 15 | #0 | 16QAM | NV | 0   | 0.54      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 19185 | 15 | #0 | 16QAM | NV | 10  | 0.04      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 19185 | 15 | #0 | 16QAM | NV | 20  | 0.39      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |

|           |   |       |    |    |       |    |     |           |            |      |     |          |
|-----------|---|-------|----|----|-------|----|-----|-----------|------------|------|-----|----------|
| Ban<br>d2 | 3 | 19185 | 15 | #0 | 16QAM | NV | 30  | -0.4<br>6 | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 19185 | 15 | #0 | 16QAM | NV | 40  | 0.36      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 3 | 19185 | 15 | #0 | 16QAM | NV | 50  | -1.0<br>9 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18625 | 25 | #0 | QPSK  | NV | -30 | -2.6<br>9 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18625 | 25 | #0 | QPSK  | NV | -20 | -2.0<br>5 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18625 | 25 | #0 | QPSK  | NV | -10 | -2.8<br>8 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18625 | 25 | #0 | QPSK  | NV | 0   | -2.0<br>7 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18625 | 25 | #0 | QPSK  | NV | 10  | -1.3<br>7 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18625 | 25 | #0 | QPSK  | NV | 20  | -2.3<br>9 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18625 | 25 | #0 | QPSK  | NV | 30  | -2.6<br>3 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18625 | 25 | #0 | QPSK  | NV | 40  | -2.4<br>0 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18625 | 25 | #0 | QPSK  | NV | 50  | -2.5<br>5 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18625 | 25 | #0 | 16QAM | NV | -30 | -3.4<br>3 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18625 | 25 | #0 | 16QAM | NV | -20 | -2.0<br>2 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18625 | 25 | #0 | 16QAM | NV | -10 | -3.6<br>8 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18625 | 25 | #0 | 16QAM | NV | 0   | -2.1<br>9 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18625 | 25 | #0 | 16QAM | NV | 10  | -2.4<br>7 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18625 | 25 | #0 | 16QAM | NV | 20  | -2.6<br>6 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18625 | 25 | #0 | 16QAM | NV | 30  | -2.7<br>8 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18625 | 25 | #0 | 16QAM | NV | 40  | -1.6<br>3 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18625 | 25 | #0 | 16QAM | NV | 50  | -3.7<br>6 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18900 | 25 | #0 | QPSK  | NV | -30 | -3.9<br>3 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |



|           |   |       |    |    |       |    |     |           |            |      |     |          |
|-----------|---|-------|----|----|-------|----|-----|-----------|------------|------|-----|----------|
| Ban<br>d2 | 5 | 18900 | 25 | #0 | QPSK  | NV | -20 | -2.6<br>8 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18900 | 25 | #0 | QPSK  | NV | -10 | -3.2<br>0 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18900 | 25 | #0 | QPSK  | NV | 0   | -3.7<br>9 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18900 | 25 | #0 | QPSK  | NV | 10  | -4.8<br>8 | -0.0<br>03 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18900 | 25 | #0 | QPSK  | NV | 20  | -3.2<br>6 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18900 | 25 | #0 | QPSK  | NV | 30  | -2.9<br>6 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18900 | 25 | #0 | QPSK  | NV | 40  | -3.9<br>1 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18900 | 25 | #0 | QPSK  | NV | 50  | -3.5<br>5 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18900 | 25 | #0 | 16QAM | NV | -30 | -2.7<br>8 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18900 | 25 | #0 | 16QAM | NV | -20 | -2.7<br>9 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18900 | 25 | #0 | 16QAM | NV | -10 | -4.0<br>9 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18900 | 25 | #0 | 16QAM | NV | 0   | -3.6<br>0 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18900 | 25 | #0 | 16QAM | NV | 10  | -4.4<br>8 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18900 | 25 | #0 | 16QAM | NV | 20  | -3.7<br>3 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18900 | 25 | #0 | 16QAM | NV | 30  | -2.5<br>9 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18900 | 25 | #0 | 16QAM | NV | 40  | -3.6<br>9 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 18900 | 25 | #0 | 16QAM | NV | 50  | -3.7<br>2 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 19175 | 25 | #0 | QPSK  | NV | -30 | 0.73      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 19175 | 25 | #0 | QPSK  | NV | -20 | 0.07      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 19175 | 25 | #0 | QPSK  | NV | -10 | -1.8<br>7 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 19175 | 25 | #0 | QPSK  | NV | 0   | -0.11     | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5 | 19175 | 25 | #0 | QPSK  | NV | 10  | -0.5<br>6 | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |



|           |    |       |    |    |       |    |     |           |            |      |     |          |
|-----------|----|-------|----|----|-------|----|-----|-----------|------------|------|-----|----------|
| Ban<br>d2 | 5  | 19175 | 25 | #0 | QPSK  | NV | 20  | 0.14      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5  | 19175 | 25 | #0 | QPSK  | NV | 30  | 0.50      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5  | 19175 | 25 | #0 | QPSK  | NV | 40  | -2.0<br>7 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5  | 19175 | 25 | #0 | QPSK  | NV | 50  | 0.20      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5  | 19175 | 25 | #0 | 16QAM | NV | -30 | -1.6<br>0 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5  | 19175 | 25 | #0 | 16QAM | NV | -20 | -1.6<br>9 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5  | 19175 | 25 | #0 | 16QAM | NV | -10 | -0.6<br>9 | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5  | 19175 | 25 | #0 | 16QAM | NV | 0   | 0.17      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5  | 19175 | 25 | #0 | 16QAM | NV | 10  | -1.1<br>9 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5  | 19175 | 25 | #0 | 16QAM | NV | 20  | -0.2<br>1 | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5  | 19175 | 25 | #0 | 16QAM | NV | 30  | -2.4<br>2 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5  | 19175 | 25 | #0 | 16QAM | NV | 40  | 0.19      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 5  | 19175 | 25 | #0 | 16QAM | NV | 50  | -1.4<br>4 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18650 | 50 | #0 | QPSK  | NV | -30 | -4.3<br>6 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18650 | 50 | #0 | QPSK  | NV | -20 | -2.9<br>9 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18650 | 50 | #0 | QPSK  | NV | -10 | -3.8<br>9 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18650 | 50 | #0 | QPSK  | NV | 0   | -3.4<br>6 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18650 | 50 | #0 | QPSK  | NV | 10  | -4.9<br>1 | -0.0<br>03 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18650 | 50 | #0 | QPSK  | NV | 20  | -5.7<br>5 | -0.0<br>03 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18650 | 50 | #0 | QPSK  | NV | 30  | -5.4<br>1 | -0.0<br>03 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18650 | 50 | #0 | QPSK  | NV | 40  | -2.4<br>9 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18650 | 50 | #0 | QPSK  | NV | 50  | -4.1<br>8 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |



|           |    |       |    |    |       |    |     |           |            |      |     |          |
|-----------|----|-------|----|----|-------|----|-----|-----------|------------|------|-----|----------|
| Ban<br>d2 | 10 | 18650 | 50 | #0 | 16QAM | NV | -30 | -3.9<br>6 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18650 | 50 | #0 | 16QAM | NV | -20 | -4.4<br>3 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18650 | 50 | #0 | 16QAM | NV | -10 | -5.0<br>4 | -0.0<br>03 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18650 | 50 | #0 | 16QAM | NV | 0   | -3.9<br>6 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18650 | 50 | #0 | 16QAM | NV | 10  | -4.1<br>8 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18650 | 50 | #0 | 16QAM | NV | 20  | -4.9<br>4 | -0.0<br>03 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18650 | 50 | #0 | 16QAM | NV | 30  | -4.0<br>1 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18650 | 50 | #0 | 16QAM | NV | 40  | -4.8<br>1 | -0.0<br>03 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18650 | 50 | #0 | 16QAM | NV | 50  | -4.5<br>9 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18900 | 50 | #0 | QPSK  | NV | -30 | -3.3<br>8 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18900 | 50 | #0 | QPSK  | NV | -20 | -3.9<br>5 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18900 | 50 | #0 | QPSK  | NV | -10 | -3.5<br>8 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18900 | 50 | #0 | QPSK  | NV | 0   | -4.5<br>6 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18900 | 50 | #0 | QPSK  | NV | 10  | -3.6<br>8 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18900 | 50 | #0 | QPSK  | NV | 20  | -2.5<br>6 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18900 | 50 | #0 | QPSK  | NV | 30  | -4.0<br>8 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18900 | 50 | #0 | QPSK  | NV | 40  | -4.7<br>5 | -0.0<br>03 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18900 | 50 | #0 | QPSK  | NV | 50  | -5.2<br>8 | -0.0<br>03 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18900 | 50 | #0 | 16QAM | NV | -30 | -3.6<br>3 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18900 | 50 | #0 | 16QAM | NV | -20 | -4.0<br>9 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18900 | 50 | #0 | 16QAM | NV | -10 | -4.1<br>6 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18900 | 50 | #0 | 16QAM | NV | 0   | -3.7<br>3 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |



|           |    |       |    |    |       |    |     |           |            |      |     |          |
|-----------|----|-------|----|----|-------|----|-----|-----------|------------|------|-----|----------|
| Ban<br>d2 | 10 | 18900 | 50 | #0 | 16QAM | NV | 10  | -2.6<br>0 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18900 | 50 | #0 | 16QAM | NV | 20  | -2.7<br>9 | -0.0<br>01 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18900 | 50 | #0 | 16QAM | NV | 30  | -3.8<br>6 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18900 | 50 | #0 | 16QAM | NV | 40  | -5.0<br>6 | -0.0<br>03 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 18900 | 50 | #0 | 16QAM | NV | 50  | -4.4<br>9 | -0.0<br>02 | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 19150 | 50 | #0 | QPSK  | NV | -30 | 0.56      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 19150 | 50 | #0 | QPSK  | NV | -20 | 0.37      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 19150 | 50 | #0 | QPSK  | NV | -10 | 0.93      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 19150 | 50 | #0 | QPSK  | NV | 0   | 0.67      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 19150 | 50 | #0 | QPSK  | NV | 10  | 0.84      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 19150 | 50 | #0 | QPSK  | NV | 20  | 0.30      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 19150 | 50 | #0 | QPSK  | NV | 30  | 0.23      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 19150 | 50 | #0 | QPSK  | NV | 40  | 1.26      | 0.00<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 19150 | 50 | #0 | QPSK  | NV | 50  | -0.1<br>6 | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 19150 | 50 | #0 | 16QAM | NV | -30 | -0.2<br>7 | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 19150 | 50 | #0 | 16QAM | NV | -20 | 0.16      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 19150 | 50 | #0 | 16QAM | NV | -10 | 1.52      | 0.00<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 19150 | 50 | #0 | 16QAM | NV | 0   | 1.50      | 0.00<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 19150 | 50 | #0 | 16QAM | NV | 10  | 1.02      | 0.00<br>1  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 19150 | 50 | #0 | 16QAM | NV | 20  | 0.62      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 19150 | 50 | #0 | 16QAM | NV | 30  | 0.94      | 0.00<br>0  | -2.5 | 2.5 | PAS<br>S |
| Ban<br>d2 | 10 | 19150 | 50 | #0 | 16QAM | NV | 40  | 1.62      | 0.00<br>1  | -2.5 | 2.5 | PAS<br>S |